

Amendments to the Claims

Claim listing:

1. (Currently amended) An integrated blade cooler for electronic components comprising a blower, an electric drive and a heatsink, wherein:
 - (i) said blower ~~comprises~~ comprising a radial impeller and a casing with an inlet and an outlet;
 - (ii) said radial impeller ~~comprises~~ comprising blades, a backplate disk and an axis of rotation;
 - (iii) said electric drive ~~comprises~~ comprising a magnetic rotor and a stator made as a part of said casing and located perpendicularly to said axis of rotation;
 - (iv) ~~said radial impeller comprises magnetic means at least part of said blades being magnetized in the direction parallel to said axis of rotation and serving as [[a]] said magnetic rotor of said electric drive;~~
 - (v) said heatsink ~~comprises~~ comprising heat-exchanging means ~~clothed in a cover plate with an outflow opening~~ and a base providing thermal contact with said electronic component and said heat exchanging means;
 - (vi) said heat-exchanging means being clothed in a cover plate with an outflow opening;
 - (vii) said outflow opening ~~of said cover plate~~ being coincided with said inlet ~~of the blower~~, thus cooling gas flows through said heat-exchanging means, said ~~blower~~ inlet, said radial impeller, and said ~~blower~~ outlet in a series way.
2. (Currently amended) The cooler as claimed in claim 1, wherein said stator [[is]] being made as a printed circuit board.
3. (Currently amended) The cooler as claimed in claim 1, wherein at least part of said cover plate [[is]] being made as a part of said casing so that said outflow opening serves as said inlet ~~of the blower~~.
4. (Canceled).
5. (Canceled).

6. (Currently amended) The cooler as claimed in claim [[3]] 1, wherein said radial impeller further comprises comprising a shroud made from the magnet-conducting material that contacts with said magnetic blades.
7. (Currently amended) The cooler as claimed in claim 1, wherein said backplate disk [[is]] being magnetized.
8. (Currently amended) The cooler as claimed in claim 1, wherein said radial impeller further comprises comprising a magnetic shroud.
9. (Currently amended) The cooler as claimed in claim 1, wherein said radial [[type]] impeller [[is]] being made as a drum type impeller.
10. (Currently amended) The cooler as claimed in claim 1, wherein said stator [[is]] being located on the side of said blower opposite to [[the]] said heatsink.
11. (Currently amended) The cooler as claimed in claim 1, wherein said stator [[is]] being made as a part of said cover plate.
12. (Currently amended) The cooler as claimed in claim 11, further comprising a magnetic insulation between said stator and said heatsink.
13. (Canceled).
14. (Currently amended) The cooler as claimed in claim 1, further comprising [[two]] an additional stators stator being made as [[parts]] part of said casing and located perpendicularly to said axis of rotation, said additional stator and said stator being located on the opposite sides of said blower.
15. (Currently amended) The cooler as claimed in claim 1, wherein a side part of said casing parallel to said axis of rotation has two outlets further comprising an additional outlet located on the opposite sides of said blower to said outlet.
16. (Currently amended) The cooler as claimed in claim 1, wherein [[said]] a side part of [[the]] said casing being made as several, at least three[[,]] elements like pillars, located at distances one from another forming several outlets of said blower.
17. (Currently amended) The cooler as claimed in claim 1, wherein said heat-exchanging means [[are]] being pins or/and fins.
18. (Currently amended) The cooler as claimed in claim 1, wherein said heatsink [[has]] comprising a recess on the side of [[an]] said outflow opening, and said blower [[is]] being located in said recess.

19. (Currently amended) The cooler as claimed in claim 18, wherein the depth of said recess is so that the side of said casing ~~of the blower~~ opposite to said heatsink [[is]] being located in about the same level as said cover plate of said heatsink.

20. (Currently amended) The cooler as claimed in claim 18, wherein said recess with said blower [[is]] being located [[in]] at the central part of said heatsink.